

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	USSR (Moscow Oblast)	REPORT		50X1
SUBJECT	Khimki Guided Missile Plant No. 456	DATE DISTR.	21 October 1957	
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DATE OF INFO.		REFERENCES		
PLACE & DATE ACQ				50X1-HUM

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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1. The Khimki Guided Missile Plant No. 456 was in the northwest corner of Khimki (N 55-54, E 37-27) on the corner of ulitsa Voroshilova and ulitsa Chkalova. It occupied an area approximately 1,000 meters long and 200 meters wide, and was adjacent to the southeast corner of the Khimki airfield. In 1946, it was an experimental plant (opytnyy zavod), subordinate to the Ministry of Aviation Industry.

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2. The plant produced the World War II German V-2 missile and a Soviet version thereof, the FAU-2. several of these missiles either lying on the ground or placed on dollies outside and west of the assembly plant. (No. 14, Sketch 2)

The FAU-2 was approximately seven meters long and had a four-meter wing span. The wing surface, from leading to trailing edge, was approximately one meter wide. The diameter of the missile at its thickest point was about one meter. The stabilizer was approximately one meter high and the elevators had a one-meter span. The entire missile was made of a light, durable metal and on top of the fuselage there was a metal, covered type fairing, the exact purpose of which was unknown.

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3. At irregular intervals, a very loud, ear-shattering noise emanated from the area of the airfield. This noise lasted for about one minute. they were testing some sort of engine.

the engine was placed and secured in a

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STATE	X	ARMY	X	NAVY	X	AIR	#	15	FBI	AEC							
(Note: Washington distribution indicated by "X"; Field distribution by "#")																	

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dirt hole in a vertical, or near-vertical position, and the one-minute test ensued.

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4.

the number of workers had increased since [redacted]. The employees worked six days a week, basically two shifts per day, although in some unknown shops, a smaller force worked on a third shift.

5. Immediately after World War II, a group of engineers went to Germany where they inspected numerous plants, and selected various pieces of machinery to be earmarked and shipped to this plant. In this connection, numerous German scientists and technical personnel who had been involved in the V-2 program were brought to the USSR and worked in this plant.

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6. The plant was guarded by regular plant guards who wore gray uniforms with no distinctive markings. [redacted] they were not members of, or subordinate to, the MGB. The guards were armed with revolvers, and were posted at all entrances of the plant and the shop.

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7. All workers at the plant were issued a plant pass. On this pass was a photograph of the individual, his full name, the number of the shop he worked in, and the numbers of any other shop he was authorized to enter, the plant entrance he was required to use, his signature, and the signature of the authorizing person. These passes were picked up at the plant entrance upon entry, and left there with the guard upon departure. Passes also had to be shown upon entering the shops. Access to the other shops was strictly controlled.

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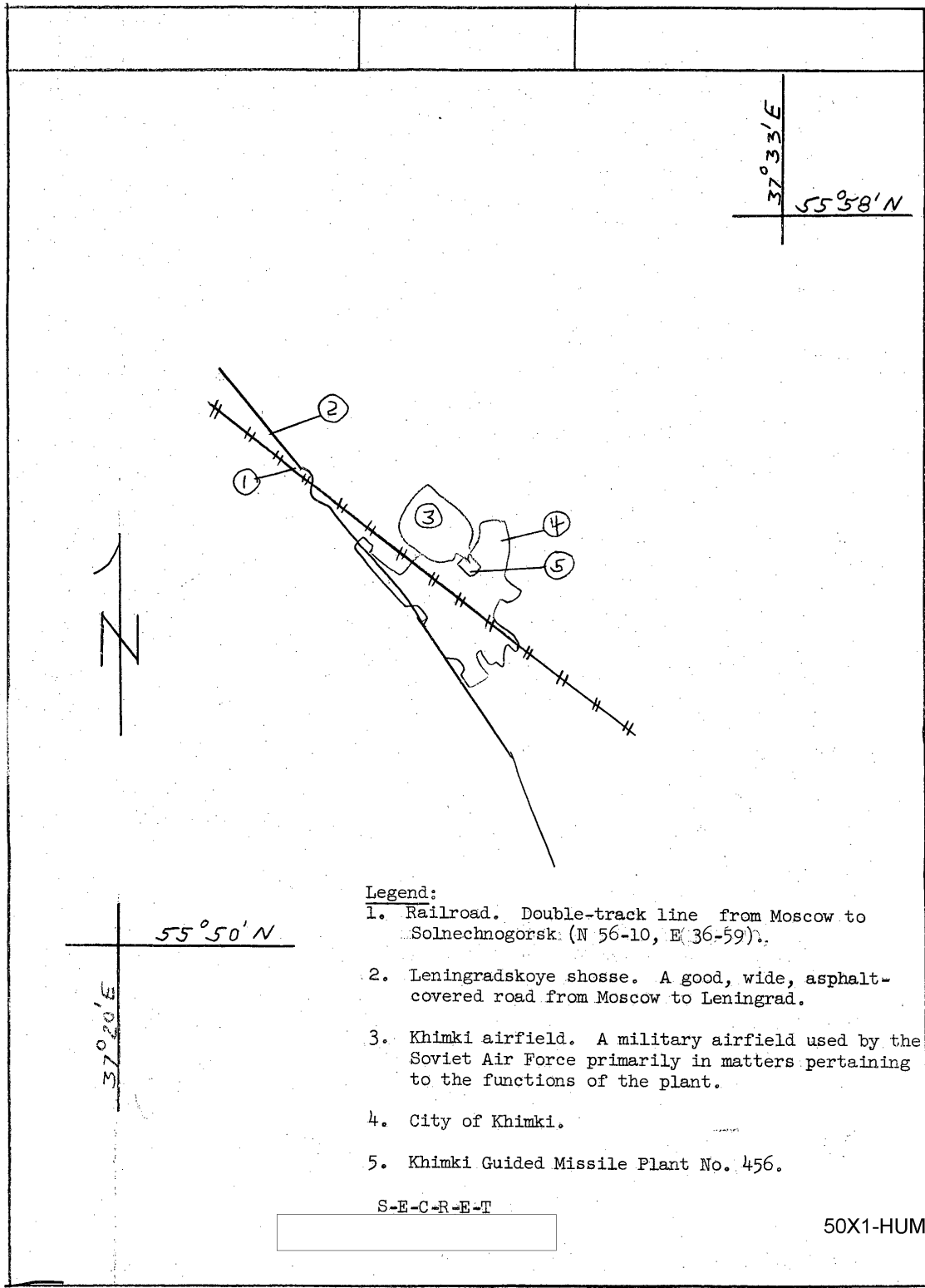
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Sketch No. 1  
Khimki Guided Missile Plant No. 456



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A hand-drawn floor plan of a building, likely a school or institutional structure, with various rooms and features numbered 1 through 23. The plan includes a large central hall (17) and several smaller rooms (14, 15, 16, 18, 19, 20, 21, 22, 23). A curved path (8) leads from the bottom left towards the center. A compass rose indicates North (N) is towards the top right. The plan also shows a series of small rectangular structures (13) along the bottom left, a set of stairs (11), and a large rectangular area (5) on the right side. The drawing is a black and white line sketch.

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Legend to Sketch No. 2

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Identifications of the Khimki Guided Missile Plant No. 456 are given on Sketch No. 2, and are as follows:

1. Fence. A wooden fence, three meters high, enclosed the entire plant area.
2. Main entrance. A one-story, brick building, approximately eight by five by four meters.
3. Road. It was an asphalt, access road, eight meters wide, and led from ulitsa Chkalova to the plant.
4. Ulitsa Chkalova. It was made of asphalt, eight meters wide.
5. Plant garage. A one-story, brick building, approximately 20 x 12 x six meters. It housed the plant's trucks and vehicles.
6. Ulitsa Voroshilova. An asphalt road, eight meters wide, which led to the heart of the city in the east and joined Leningradskoye shosse to the northwest.
7. Railroad line. A double-track line from Moscow to Solnechnogorsk.
8. Railroad siding. A single-track line which serviced the plant.
9. West entrance. It was similar to the main entrance and had a vehicular entrance.
10. Boiler works. A one-story, brick building, approximately 60 x 20 x eight meters, with a slightly pitched, sheet-metal roof. It supplied steam heat for the plant.
11. Railroad tank cars. An undetermined number of tank cars were crosswise over the track. there might have been an unknown number of track turntables, similar to a roundhouse. The purpose for positioning in this manner was to accommodate more cars. The tank cars were labeled and contained either liquid oxygen or liquid hydrogen; The cars were continually cooled by a water-sprinkling system, even if they were maintained on the siding just outside the plant, which occurred frequently; the supply of this liquid was always on hand.
12. Entrance. A covered passageway, approximately three meters high and three meters wide, leading into the plant.
13. Shower baths.
14. Assembly shop. A single-story, brick building, approximately 400 meters high, 25 meters wide, and 12 meters high, with a slightly pitched, sheet-metal roof and load-bearing walls. It was called the fifth shop, wherein the guided missiles were assembled.
  - a. Entrance. Interconnecting shop entrance, approximately three meters wide.
15. Production shop. An L-shaped shop, approximately 400 meters long, 50 meters wide at the widest point and 25 meters wide at the narrowest, and eight meters high. The roof was sheet metal. The various parts of the missile, such as the shell, wings, and control surfaces, were prepared in this shop. Although the

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metal used was unknown, source stated that it was a light, durable metal.

16. Production shop. It was approximately 275 meters long, 25 meters wide, and eight meters high, with a slightly pitched, sheet-metal roof. Steel spheres, approximately 500 millimeters in diameter and wound with the steel wires, were made in this shop.

Numbers 12 through 16 were integral parts and shops located in the same building. This was a new, brick building, 400 meters long, 75 meters wide, with load-bearing walls separating the shops, and of varying heights and roofing.

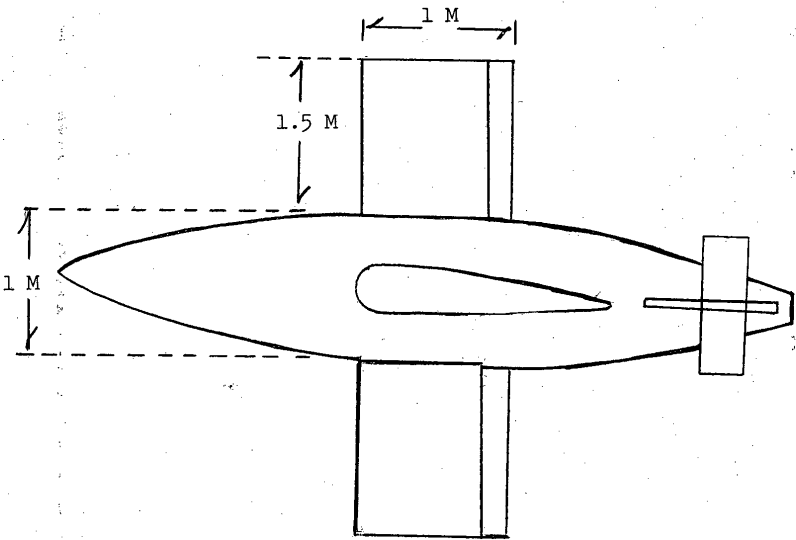
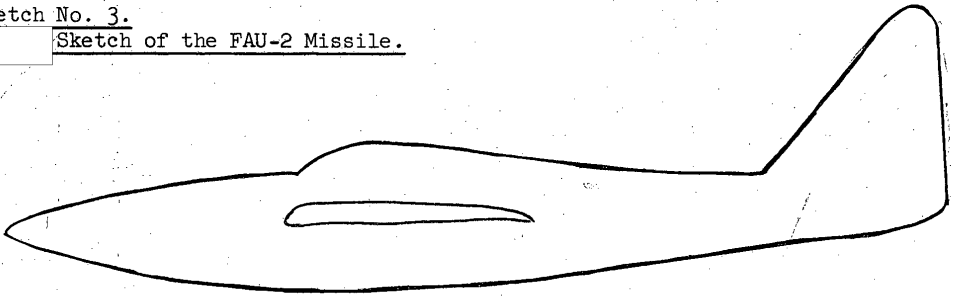
17. The   sketch of the FAU-2 missile (Sketch No. 3).

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Sketch No. 3.

Sketch of the FAU-2 Missile.

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